GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA

UNSTARRED QUESTION NO:6858
ANSWERED ON:13.05.2002
USE OF FERTILISER
MAHBOOB ZAHEDI

Will the Minister of AGRICULTURE be pleased to state:

(a) whether in India 99 Kg. fertilizer per hectare is generally used whereas in China, Japan, U.K., France, Germany, U.S.A. and even in Bangladesh the use of fertilizer is much more i.e. 257, 290, 330, 248, 243, 110 and 141 Kgs. per hectare respectively;

(b) whether due to intensive cropping and excessive use of high yielding seeds, the nutrient reserve (NPK) being the main ingredient in our agricultural lands, is being exhausted, resulting in loss of fertility;

(c) if so, whether to safeguard the fertility of land the Government are planning to go in for an Integrated Plant Nutrient Supply System which offers an accurate mixture of chemical, organic and biological fertilizers simultaneously with emphasis on agricultural research and technological or applied training of the farmers;

(d) if so, the details thereof; and

(e) the steps taken by the Government in this regard?

Answer

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV)

(a): The average consumption of fertilizers in the country in terms of plant nutrients is about 95 kg. per hectare. It is, therefore, lower than the consumption in the countries like China, Japan, U.K., France, Germany, USA and Bangladesh.

(b): In the intensively cultivated areas, the removal of plant nutrients from the soils is higher than other areas. In such areas/States, consumption of plant nutrients is also much higher than National average consumption of 95 kg. The consumption of NPK in Punjab is about 185 kg. per hectare, in Andhra Pradesh 158 kg/ha., in Tamil Nadu 163 kg. and UP 125 kg. per ha.

(c)to(e): With a view to propagating the concept of Integrated Plant Nutrient Supply System,Government encourages the use of organic manures such as rural and urban compost, vermicompost, biogas slurry and biofertilisers along with chemical fertilizers. This concept is being popularized by the extension agencies in the State Governments and the Centre throughtraining and education of the farmers. To augment the supply of non-chemical form of plant nutrients, Government has been implementing a scheme on Development & use of Biofertilisers where biofertiliser production units were set up in different States. Under the scheme of Balanced & Integrated Use of Fertilisers, support was given during Eighth and Ninth plan to setup the compost plants in the urban areas so as to convert the biodegradable wastes into manure for use in agriculture. To give a boost to production and promotion of organic source of plant nutrients, during Tenth plan, the Government has proposed a new scheme entitled `National Project on Organic Farming` which will facilitate the production and promotion of organic source of plant nutrients which could be used as a supplemental source of nutrients.